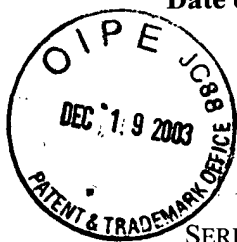


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Rothenberg et al.

SERIAL NUMBER: 09/981,606

EXAMINER: Wilder, Cynthia B.

FILING DATE: October 16, 2001

ART UNIT: 1656

FOR: Mutations Associated with Iron Disorders

Boston, Massachusetts

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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**TERMINAL DISCLAIMER TO OBVIATE
A DOUBLE PATENTING REJECTION OVER A PRIOR PATENT**

The owner, Billups-Rothenberg, Inc., of 100% interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. §154 to 156 and 173, as presently shortened by any terminal disclaimer, of prior Patent No. 6,355,425. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patents are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. §154 to 156 and 173 of the prior patents, as presently shortened by any terminal disclaimer, in the event that either patent later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. §1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

I hereby declare that all statements made herein of my own knowledge are true and that

all statements made on information and belief are believed to be true; and further that these

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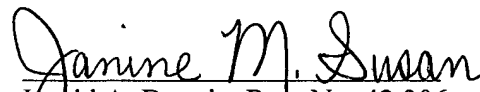
Applicants: Rothenberg *et al.*
U.S.S.N.: 09/981,606

statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

The terminal disclaimer fee under 37 C.F.R. §1.20(d) is enclosed.

The undersigned is an attorney of record.

Respectfully submitted,


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